

## **MEMORANDUM**

October 1, 2016

State of Texas  
Legislative Budget Board  
P.O. Box 12666  
Austin, Texas 78711

Executive Order RP-49  
Energy Report for Tarleton State University

Mark Garner  
Manager of Utility and Energy Services  
P.O. Box T-0750  
Stephenville, Texas 76402

Texas Legislative Budget Board:

Please find the attached Energy Report for Tarleton State University in Stephenville, Texas for the period through September 2015 – August 2016.

Best Regards,

Mark Garner

Executive Order RP-49  
Energy Report for Tarleton State University

**A. The extent to which the agency has met the percentage goal it established for reducing its usage of electricity, gasoline and natural gas:**

Energy conservation initiatives have reduced the main campus source Energy Use Index (EUI) from 189 mBtu per square foot in September, 2014 to 155 mBtu per square foot in July, 2016 for an 18% reduction in energy usage per square foot.

The Miles per Gallon were reduced by 0.2021 from 10.5881 to 10.5667. The reduction is partly from the use of Golf Carts to deal with more on Campus issues.

**B. The steps the agency may take to increase the percentage goal for reducing its usage of electricity, gasoline and natural gas:**

Seven buildings have been upgraded to Direct Digital Controls and we are still identifying more areas on campus that have pneumatic controls and will be setting up projects to replace them with DDC's.

Continuing to upgrade Tarleton with LED lighting across campus, several areas have already been upgraded, and we will be looking for more areas to install LED lighting.

Numerous deficiencies in the Science Building have been corrected and we continue to address other issues.

**C. Any additional ideas the agency has for reducing energy expenditures relating to facilities:**

Tarleton is still looking at energy projects such as: interior and exterior lighting, and solar products as viable alternatives for Energy Savings.

New metering of older buildings is needed to track excessive energy usage to specific locations. We are seeking funding to do this project.

**D. Any additional ideas the agency has to minimize fuel usage in all vehicles and equipment used by the agency.**

Ensure the maintenance of all University vehicles is geared for maximum fuel efficiency.

Consolidate trips to off campus locations.

Replacement of more fuel efficient vehicles when vehicle replacement is required.

	Gasoline (Gallons)
FY15	26,764
FY16	29,845
% Increase (Decrease)	11%